



SUMMARY TEST DATA
ON
P1T-DC40G-65-T-292FF-1NS-OPT10M20G

Customer: _____
 SO No: _____
 Model No: P1T-DC40G-65-T-292FF-1NS-OPT10M20G
 Serial No: PL55123/2535

Tested By: K Craven
 Temperature: 25°C
 Date: 8/28/2025
 Drawing No: 27649560 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	10 MHz to 20 GHz	10 MHz to 20 GHz	PMI QA4
2	Isolation	50 dB Min. 60 dB Typ.	60.1 dB	
3	Insertion Loss	5 dB Max. 4.5 dB Typ.	3.88 dB	
4	VSWR: In/Out	2.2:1 Max. 2.0:1 Typ.	1.44:1 In 1.47:1 Out	
5	Operating Power CW	17 dBm Max	Pass See Typical Characteristics	
6	Switching Speed	7 ns Max. 6 ns Typ.	Pass See Typical Characteristics	
7	Rise/Fall Time	2 ns Max. 1 ns Typ.	Pass See Typical Characteristics	
8	Control Signal	TTL LOGIC '1' : Insertion Loss '0' : Isolation	Pass	
9	Video Transients	85mV P-P @ 300MHz BW 2-18 GHz 15mV P-P @ 20MHz BW 2-18 GHz	Pass See Typical Characteristics	
10	Power Supply	8 to 15 V @ 15 mA Max -8 to -15 V @ 40 mA Max	8 to 15 V @ 10 mA -8 to -15 V @ 30 mA	

QA/QC Approval: *Cummary Kelen*

Date: 8/29/25

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
 Email: sales@quanticpmi.com



